

### Abstract of the Disclosure

The invention relates to a method and an arrangement for controlling a drive unit (1), especially of a vehicle, having a combustion engine (5). The method and arrangement make possible a correct charge control when utilizing a secondary air charger (10) as well as make possible a diagnosis of the secondary air charger (10). Secondary air is blown into an exhaust-gas system (15) of the combustion engine (5) via the secondary air charger (10). The secondary air charger (10) is driven by a pressure drop across an actuating element (20) for adjusting an air supply to the engine (5). The actuating element (20) is driven for adjusting an air supply to the engine (5) corrected in dependence upon an air mass flow driving a turbine (25) of the secondary air charger (10).